

Cultivar. Pureline. "CLASSIC"; P88122E1-4-5-1-X-5. Pedigree - Ogle/INO9201/4/Noble/Accession 1575/3/Jaycee//Clintford/IowaX434-II. Maturity midseason. Carries resistance to Puccinia coronata and barley yellow dwarf viruses. Juvenile growth habit erect. Upper culm node hairless. Mature stem color yellow. Leaves at heading dark green, flag leaf erect, leaf margins glabrous, ligules present, and leaf sheath hairless. Panicles equilateral, lower whorl of branches attached at first node. Rachis erect and second floret rachilla segment hairless. Spikelets separate by abscission and florets separate by disarticulation. Glumes and lemma yellow at maturity. Awns infrequent, nontwisted, and up to 17mm long. Glumes nonfluorescent under ultraviolet light, and basal hairs absent.

The following were developed by Don F. Salmon, Alberta Agriculture, Field Crops Section, 5718-56 Avenue, Lacombe, Alberta T0C 1S0, Canada; W. Stewart, Alberta Agriculture, Bag Service #47, 5718-56 Avenue, Lacombe, Alberta T0C 1S0, Canada; Jim Helm, Alberta Agriculture, Field Crop Development Centre, 5030 50 Street, Lacombe, Alberta T4L 1W8, Canada; Manuel Cortez, Alberta Agriculture, Field Crop Development Centre, 5030-50 Street, Lacombe, Alberta T4L 1W8, Canada; Patricia E. Jedel, Alberta Agriculture, Field Crop Development Centre, 5050-50 Street, Lacombe, Alberta T4L 1W8, Canada. Received 08/31/1995.

PI 591612. *Hordeum vulgare* L. ssp. *vulgare*

Cultivar. Pureline. "FALCON"; HB 501. CV-253; PVP 9500315. Pedigree - 11012.2/Tern//Tulelake. Six-row, hulless feed type. Semidwarf, smooth awned, and yellow aleurone. Flag leaf dark green, medium wide, short, and semi-erect. Spike moderately dense, medium long, and of nodding attitude. Kernel medium wide and long. Rachilla long with long hairs. Maturity medium. Best adapted to central Alberta black soils. Yields 17% more than Condor, a two-row hulless cultivar. High digestible energy and protein for pigs. Resistant to lodging and scald (*Rhynchosporium secalis*).

PI 591613. *Hordeum vulgare* L. ssp. *vulgare*

Cultivar. Pureline. "TUKWA"; SD 503. CV-254. Pedigree - I74161/Hiproly. Six-row, semi-dwarf, feed type. Awns smooth, yellow aleurone. Flag leaf narrow, short, upright with white-auricles, and waxy sheath. Spike medium dense, short, and of semi-erect attitude. Kernel medium wide and medium long. Rachilla medium long with long hairs. Maturity medium. Best adapted to central Alberta black soils. Yields 6% more than the semi-dwarf check Duke and is 3 days earlier. Moderately resistant to scald (*Rhynchosporium secalis*), the surface borne smuts (*Ustilago hordei*) and IL Nigra Tapke.

The following were developed by Zeneca Ltd., United States. Received 09/18/1995.

PI 591614. *Zea mays* L. ssp. *mays*

Cultivar. "ZS1022". PVP 9500295.

PI 591615. *Zea mays* L. ssp. *mays*

Cultivar. "ZS0541". PVP 9500296.

PI 591616. *Zea mays* L. ssp. *mays*

Cultivar. "ZS1202". PVP 9500297.

The following were developed by Dolores W. Mornhinweg, USDA, ARS, Plant Science Research Laboratory, 1301 N. Western Street, Stillwater, Oklahoma 74075, United States. Received 09/29/1995.